

1 **WHAT IS CLAIMED IS:**

2 1. A heat induction workstation comprising:

3 a base;

4 a housing with a front, a top, a bottom, two sides and an inner space and
5 mounted on the base and having an opening defined in the front, and two baffles
6 formed in the housing to divide the inner space in the housing into a central
7 chamber communicated with the opening, a first side chamber and a second side
8 chamber;

9 a working station assembly mounted in the central chamber in the
10 housing and comprising at least one induction heating device mounted in the
11 central chamber;

12 an electrical power supplier mounted in the first side chamber and
13 electrically connected to the at least one induction heating device to provide
14 electrical power to the at least one induction heating device; and

15 a cooling device mounted in the second side chamber and connected to
16 the electrical power supplier to reduce temperature of the electrical power
17 supplier while the electrical power supplier is in operation.

18 2. The heat induction workstation as claimed in claim 1 further
19 comprising at least one front door slidably attached to the front of the housing to
20 close the opening.

21 3. The heat induction workstation as claimed in claim 2 further
22 comprising two rails respectively mounted on the top and the front of the
23 housing for the at least one door being slidably mounted between the rails.

24 4. The heat induction workstation as claimed in claim 1, wherein the

1 each respective side of the housing has a side opening defined in the side; and
2 a side door is pivotally attached to each respective side of the housing to
3 close the corresponding one of the side openings.

4 5. The heat induction workstation as claimed in claim 1 further
5 comprising a control panel attached to the housing and electrically connected to
6 the at least one induction heating device, the cooling device and the electrical
7 power supplier.

8 6. The heat induction workstation as claimed in claim 1 further
9 comprising a cooling pool mounted in the central chamber of the housing and
10 corresponding to each at least one induction heating device.